

SYNCHRONIZATION CONTROL METHOD FOR ELECTRONIC DEVICE

ABSTRACT OF THE DISCLOSURE

An electronic device on a serial interface extracts a timing clock included in data transmitted to another electronic device, constantly monitors the synchronous state of its own timing clock with respect to the extracted timing clock, and if they are out of synchronization with each other, restores the self-synchronization so as to prevent occurrence of data transmission errors due to transmission of data in an asynchronous state. The electronic device operates even when the electronic device is in an idle state receiving no data, to constantly check the synchronous state of a timing clock generated by the electronic device itself with respect to the timing clock of data flowing on the serial interface cable and carry out a self-synchronization operation.